

# PATENT COOPERATION TREATY

From the  
INTERNATIONAL SEARCHING AUTHORITY

To:

see form PCT/ISA/220

PCT

## WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis.1)

|                                                                                                           |                                                          |                                                                         |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------------------|
|                                                                                                           |                                                          | Date of mailing<br>(day/month/year) see form PCT/ISA/210 (second sheet) |
| Applicant's or agent's file reference<br>see form PCT/ISA/220                                             |                                                          | <b>FOR FURTHER ACTION</b><br>See paragraph 2 below                      |
| International application No.<br>PCT/EP2004/014864                                                        | International filing date (day/month/year)<br>30.12.2004 | Priority date (day/month/year)<br>30.12.2003                            |
| International Patent Classification (IPC) or both national classification and IPC<br>B64D33/02, F02C7/042 |                                                          |                                                                         |
| Applicant<br>AIRBUS DEUTSCHLAND GMBH                                                                      |                                                          |                                                                         |

1. This opinion contains indications relating to the following items:

- Box No. I Basis of the opinion
- Box No. II Priority
- Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- Box No. IV Lack of unity of invention
- Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- Box No. VI Certain documents cited
- Box No. VII Certain defects in the international application
- Box No. VIII Certain observations on the international application

2. **FURTHER ACTION**

If a demand for international preliminary examination is made, this opinion will usually be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA"). However, this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of three months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

|                                                                                                                                                                                                                                                  |                                                                      |                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Name and mailing address of the ISA:<br><br><br>European Patent Office<br>D-80298 Munich<br>Tel. +49 89 2399 - 0 Tx: 523656 epmu d<br>Fax: +49 89 2399 - 4465 | Authorized Officer<br><br>Weber, C<br>Telephone No. +49 89 2399-7238 |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------------------------|

**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY**

International application No.  
PCT/EP2004/014864

**Box No. I Basis of the opinion**

1. With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.  
 This opinion has been established on the basis of a translation from the original language into the following language , which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
  - a. type of material:  
 a sequence listing  
 table(s) related to the sequence listing
  - b. format of material:  
 in written format  
 in computer readable form
  - c. time of filing/furnishing:  
 contained in the international application as filed.  
 filed together with the international application in computer readable form.  
 furnished subsequently to this Authority for the purposes of search.
3.  In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:

**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY**

International application No.  
PCT/EP2004/014864

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**Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or  
industrial applicability; citations and explanations supporting such statement**

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**1. Statement**

|                               |      |        |          |  |
|-------------------------------|------|--------|----------|--|
| Novelty (N)                   | Yes: | Claims | 3        |  |
|                               | No:  | Claims | 1,2,4-10 |  |
| Inventive step (IS)           | Yes: | Claims |          |  |
|                               | No:  | Claims | 1-10     |  |
| Industrial applicability (IA) | Yes: | Claims | 1-10     |  |
|                               | No:  | Claims |          |  |

**2. Citations and explanations**

**see separate sheet**

**Re Item V.**

1 Reference is made to the following documents:

D1 : GB 1 261 667 A (MESSERSCHMITT-BOLKOW-BLOHM) 26 January 1972

(1972-01-26)

D2 : GB 2 070 139 A (GEC US) 3 September 1981 (1981-09-03)

**2 INDEPENDENT CLAIMS 1 ANS 10**

2.1 The present application does not meet the criteria of Article 33(1) PCT, because the subject-matter of claim 1 is not new in the sense of Article 33(2) PCT.

Document D1 discloses (the references in parentheses applying to this document) a ram air channel for the supply of ambient air in an aircraft (p. 1, l. 11-22), which includes

- a first air inlet (figs. 1, 2) and
- a main flow channel (2) which extends downstream flow of the first air inlet (figs. 1, 2), whereby
- the ram air channel has a second air inlet (3) independent from the first air inlet (figs.. 1, 2).

2.2 Document D2 also discloses a ram air channel comprising all features of claim 1. Therefore, the subject-matter of claim 1 is also not new with respect to this document.

2.3 The same reasoning applies, mutatis mutandis, to the subject-matter of the corresponding independent claim 10, which therefore is also considered not new.

**3 DEPENDENT CLAIMS 2-9**

Dependent claims 2-9 do not contain any features which, in combination with the features of any claim to which they refer, meet the requirements of the PCT in respect of novelty and/or inventive step (Article 33(2) and (3) PCT).

**Further observations**

- 4 Contrary to the requirements of Rule 5.1(a)(ii) PCT, the relevant background art disclosed in the documents D1 and D2 is not mentioned in the description, nor are these documents identified therein.